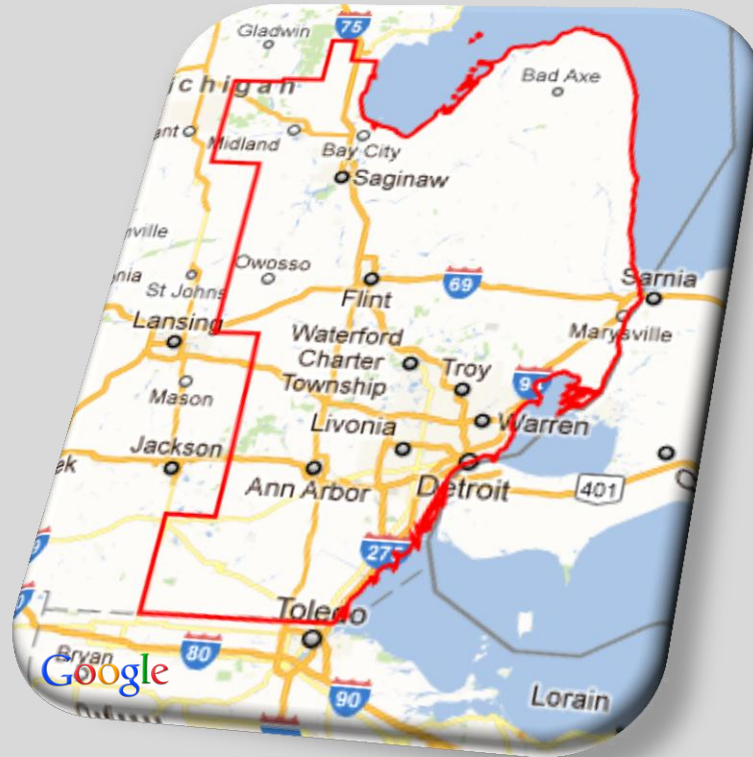




Weather Briefing

February 23, 2013



National Weather Service
Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

Email: w-dtx.webmaster@noaa.gov



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Decision Support Briefing Highlights



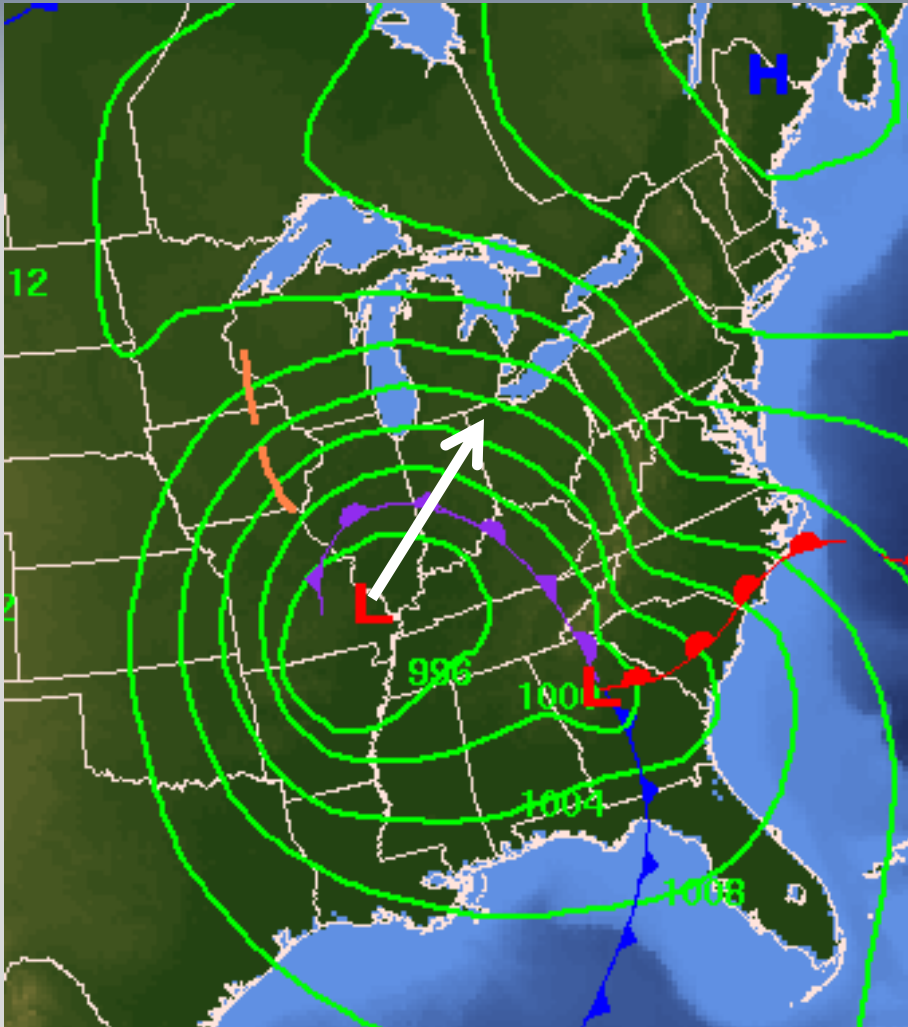
Event Summary

6+” of snow possible

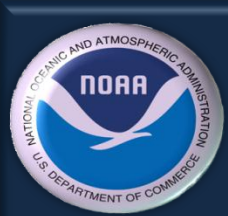
**Winter Storm Watch May be
Needed**

Tuesday into Wednesday

All of Southeast Michigan



Forecast for Tuesday
Morning (72 hrs)



Winter Hazard Risk Assessment



Extreme

High



Moderate

Low

**This Event is a
Rare Weather Event**

Large Disruption to Daily Life

Potentially Life Threatening

Recovery Time
Several Hours to a Couple Days
After the Weather Ends

Extreme:

- Historic Weather Hazard/Event
- Life Threatening
- Total disruption of daily life
- Recovery Time: days to one week

High:

- Rare Weather Hazard/Event
- Potentially Life Threatening
- Widespread disruption of daily life
- Recovery Time: hours to a couple days

Moderate:

- Common Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: +/- 6 hrs of when weather ends



Potential Impacts



Road Conditions

- Roads covered with heavy wet snow will result in poor traction

Additional Potential Impacts

- Power Outages due to heavy wet snow possible
- Low visibility due to high snowfall rates

Power Outage Potential	High	Medium 	Low
Blowing/Drifting Potential	High	Medium	Low 



Storm Total Snowfall

Tuesday



Snow Accumulation

Potential for 6 or more inches: All Southeast Michigan

Type of Snow

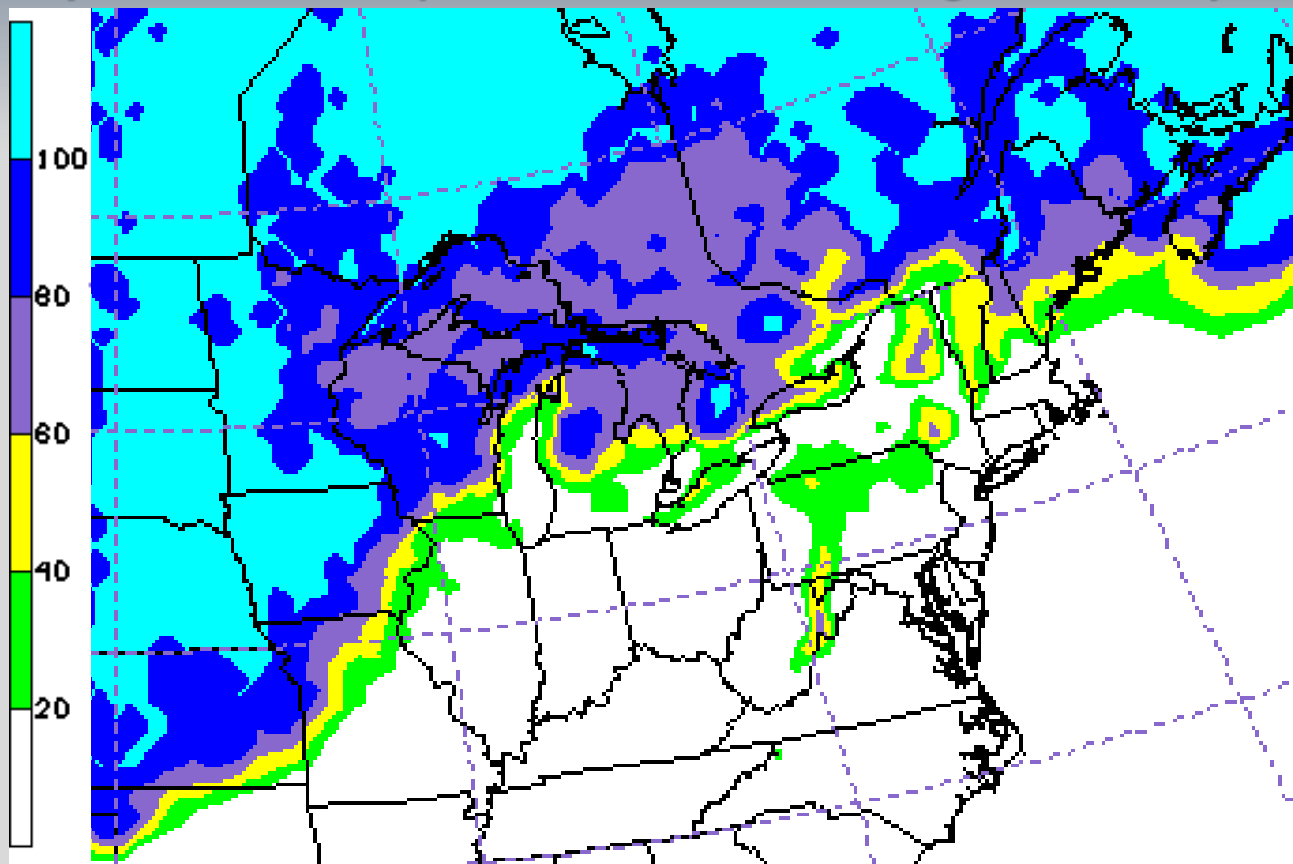
**Heavy and Wet
Snow Ratios of 7:1 to 10:1**



Forecast Challenges



Probability of surface temperatures below freezing on Tuesday afternoon



Sub-freezing surface temperatures are not a necessity for snow, but in this case the thermal structure is borderline and potential exists for some areas to see some rain or sleet, especially along and south of Interstate 94.



Additional Information



Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

Great Lakes Marine Portal

<http://www.weather.gov/greatlakes>

Hourly Wind Probabilities

<http://www.crh.noaa.gov/dtx/?n=pwind>

Hourly Snowfall Probabilities

<http://www.crh.noaa.gov/dtx/?n=hourlysnowprobabilities>

NWS Detroit/Pontiac, MI

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